

## ABSTRACT

5. An ullage meter is designed to be made up of a coating or film attached to the surface of a tank for holding compressed gas. This is used normally when the tank is warm as is the case right after the tank is pressured with gas. The coating includes materials which change in appearance when various specific temperatures are reached. The changed appearance allows numbers to be seen which tell the observer how much pressure will be lost after the warm tank has cooled to some specific temperature. This loss is an ullage.